

2 DEVICES 70+ TESTS

ECL25 & ECL100 are fully automated, random-access chemiluminescent immunoassay systems offering an all-in-one solution for both niche & routine clinical laboratory tests in the following areas:



Tumor Markers

Endocrine Markers

Gastrointestinal Markers

Thyroid Markers

Bone Markers

Reproductive Hormones

Anemia Markers

Cardiac Markers

TEST MENU HIGHLIGHTS



- Fecal Calprotectin
- Fecal Lactoferrin
- Fecal Secretory IgA
- Fecal Pancreatic Elastase-1
- Fecal Quantitative Occult Blood
- Fecal H. pylori Antigen
- Fecal C. difficile GDH
- Fecal C. difficile Toxin A & Toxin B
- Fecal Giardia lamblia Antigen
- Fecal Cryptosporidium parvum Antigen
- Chromogranin A
- Human Epididymis Protein 4
- CA242, CA50, CA 72-4
- 25-OH-Vitamin D2/3
- Carboxylated Osteocalcin
- Procalcitonin (PCT)
- Vitamin B12
- Folate
- Ferritin

Test Menu

Epitope Diagnostics, Inc. offers quality and easy-to-use immunoassay diagnostic tests in an extensive portfolio of products to fulfill patient-care needs.

GASTROINTESTINAL

- Calprotectin (CP)
- Lactoferrin
- Secretory IgA
- Pancreatic Elastase 1
- Quantitative Fecal Occult Blood (qFOB)
- H.pylori Antigen
- C.difficile GDH
- C. difficile Toxin A+B
- C.difficile Toxin A
- C.difficile Toxin B
- Giardia lamblia Antigen
- Cryptosporidium parvum Antigen
- Tissue Transglutaminase Antibody, IgA
- Tissue Transglutaminase Antibody, IgG
- Anti-Deamidated Gliadin Antibody, IgG
- Anti-Deamidated Gliadin Antibody, IgA
- Pepsinogen I (PGI)
- Pepsinogen II (PGII)
- Gastrin 17 (G17)

BONE AND DIABETES

- 25-Hydroxy Vitamin D (25-OH-D)
- Free 25-Hydroxy Vitamin D*
- Carboxylated Osteocalcin (1-43/49)
- Growth Hormone (GH)
- C-peptide
- Insulin

REPRODUCTIVE HORMONES

- Testosterone
- Progesterone
- Estradiol (E2)
- Prolactin (PRL)
- 17-OH-Progesterone*
- Anti-Müllerian Hormone (AMH)
- HCG and β -subunit (HCG)
- Follicle Stimulating Hormone (FSH)
- Luteinizing Hormone (LH)
- Inhibin B*

THYROIDS

- Thyroid Stimulating Hormone (TSH)
- Free Thyroxine (FT4)
- Free Triiodothyronine (FT3)
- Total Thyroxine (Total T4)
- TSH Receptor*
- Total Triiodothyronine (Total T3)
- Thyroglobulin (Tg)
- Anti-thyroid peroxidase antibody (Anti-TPO)
- Anti-Thyroglobulin Antibody (Anti-Tg)

CE IVD

ANEMIA

- Ferritin
- Folate
- Vitamin B12

TUMOR

- Alphafetoprotein (AFP)
- Cancer Antigen 125 (CA 125)
- Cancer Antigen 15-3 (CA 15-3)
- Carbohydrate Antigen 19-9 (CA 19-9)
- Cancer Antigen 242 (CA 242)
- Cancer Antigen 50 (CA 50)
- Cancer Antigen 72-4 (CA 72-4)
- Carcinoembryonic Antigen (CEA)
- Chromogranin A (CgA)
- Cytokeratin fragment 19 (CYFRA21-1)
- Epididymal protein 4 (HE4)
- Neuron-specific enolase (NSE)
- Pro-Gastrin-Releasing Peptide (ProGRP)
- Prostate Specific Antigen, Total (Total PSA)
- Prostate Specific Antigen, Free (Free PSA)
- Squamous cell Carcinoma antigen (SCC)

CARDIAC

- High-sensitivity Cardiac Troponin T (hs-cTn T)
- High-sensitivity Cardiac Troponin I (hs-cTn I)
- Myoglobin determination (MB)
- Creatine kinase-MB (CK-MB)
- D-Dimer
- N-terminal pro brain natriuretic peptide (NT-PROBNP)

ALZHEIMER DISEASE

- Total Tau*
- p-Tau 181*
- GFAP*
- β -Amyloid (1-40)*
- β -Amyloid (1-42)*

BACTERIA INFECTION

- Procalcitonin (PCT)

TDM

- Adalimumab (HUMIRA®)
- Infliximab (REMICADE®)
- Vedolizumab(ENTYVIO®)
- Anti-Adalimumab Antibody
- Anti-Infliximab Antibody
- Anti-Vedolizumab

* test in development

INSTRUMENT SPECIFICATIONS

INNOVATIVE SOLUTIONS AND EFFICIENT WORKFLOW. IN ONE COMPACT BENCHTOP SYSTEM.

OVERVIEW	ECL25	ECL100
<i>System Description</i>	Random access immunoassay system	Random access immunoassay system
<i>Throughput</i>	120T/H	180T/H
<i>Time to First Result</i>	Assay dependent	Assay dependent
<i>Onboard Reagent Capacity</i>	10 assays	9 assays

DIMENSIONS		
<i>Dimension</i>	430(W)×680(D)×620(H)mm	750(W)×900(D)×500(H)mm
<i>Weight</i>	≤62 kg	92 kg
<i>Power Requirements</i>	100-240 V,50/60 Hz	100-240 V,50/60 Hz
<i>Power Input</i>	850 VA	500 VA

SAMPLE REQUIREMENTS		
<i>Sample Type</i>	Serum, Plasma, stool	Serum, Plasma, stool
<i>Sample Capacity</i>	30 positions	40 positions
<i>Sample Loading</i>	Continuous	Continuous
<i>Sample Dead Volume</i>	100µL	100µL

Reaction System		
<i>Reaction Volume/Test:</i>	≤400µL	≤400µL
<i>Reaction Disk:</i>	52 positions	78 positions
<i>Reaction Temperature:</i>	37±0.3 °C	37±0.3 °C
<i>Reaction Time:</i>	Depending on assays	Depending on assays
<i>Reaction Mixing:</i>	Non-touch vortex mixing	Non-touch vortex mixing
<i>Sample Dilution:</i>	Automatic Inline dilution	Automatic Inline dilution



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